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3 1. Tool receiver for a grinder, in particular for a handheld angle grinder (10)  
4 having a carrier device (12, 14, 16, 182, 184, 300) via which an application tool  
5 (18, 32, 186, 188) can be actively connected to a drive shaft (54), characterized  
6 in that the application tool (18, 32, 186, 188) can be actively connected to the  
7 carrier device (12, 14, 16, 182, 184, 300) via at least one detent element (24, 26,  
8 190, 192, 194, 196, 198, 200, 302) that can be moved against a spring force,  
9 that snaps into place in an operating position of the application tool (18, 32, 186,  
10 188) and immobilizes the application tool (18, 32, 186, 188) with positive  
11 engagement.

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13 2. Tool receiver for a grinder according to claim 1, characterized in that the  
14 spring force acts in the axial direction (44).

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16 3. Tool receiver for a grinder according to claim 1, characterized in that a  
17 drive torque can be transferred via a positive connection between the application  
18 tool (18, 32, 186, 188) and the carrier device (14, 16, 182, 184, 300).

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20 4. Tool receiver for a grinder according to claim 1, characterized in that the  
21 application tool (186, 188) can be connected to the carrier device (182, 184) via  
22 at least one carrier element (202, 204, 206, 208, 210, 212) located on the  
23 application tool (186, 188) and/or the carrier device (182, 184) extending in the  
24 axial direction (38), that it can be guided through at least one area of a slot (214,  
25 216, 218, 220, 222, 224) of the corresponding counter-component (186, 188),  
26 moved along the slot (214, 216, 218, 220, 222, 224) and immobilized in an end  
27 position by means of the detent element (190, 192, 194, 196, 198, 200).

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29 5. Tool receiver for a grinder according to claim 4, characterized in that the  
30 application tool (186, 188) can be immobilized with positive engagement in the

axial direction (38) via a seating surface (226, 278) of the carrier element (202, 204, 206, 208, 210, 212).

6. Tool receiver for a grinder according to claim 4, characterized in that the detent element (190, 192, 194, 196, 198, 200) is formed by an elastically deformable component (228, 230).

7. Tool receiver for a grinder according to claim 6, characterized in that at least one detent element (190, 192, 194, 196, 198, 200) producing the spring force is designed integrally connected to a tool hub (228, 230) of the application tool (186, 188).

8. Tool receiver for a grinder according to claim 7, characterized in that at least one recess (236) is provided in a component (234) of the carrier device (184) forming a bearing surface (232) for the application tool (188), into which a part of the tool hub (230) is elastically pressed in an operating position of the application tool (188).

9. Tool receiver for a grinder according to claim 7, characterized in that the slot (214, 216, 218, 220, 222, 224) is provided in the tool hub (228, 230) of the application tool (186, 188), and at least one detent element (190, 192, 194, 196, 198, 200) is formed by a part of the tool hub (228, 230) in the vicinity of the slot (214, 216, 218, 220, 222, 224).

10. Tool receiver for a grinder according to claim 9, characterized in that the slot (220, 222, 224) comprises a wide area (238, 240, 242) and at least one narrow area in front of an end position (250, 252, 254) of the carrier element (208, 210, 212) that forms the detent element (196, 198, 200).

1 11. Tool receiver for a grinder according to claim 1, characterized in that at  
2 least one detent element (24, 26, 302) is supported in a fashion that allows it to  
3 move against a spring element (20, 22, 312).

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5 12. Tool receiver for a grinder according to claim 11, characterized in that the  
6 detent element (24, 26, 302) can be released from its locked position using a  
7 release button (28, 30).

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9 13. Tool receiver for a grinder according to claim 11, characterized in that the  
10 application tool (18) is connected to the carrier device (12, 14, 300) in the  
11 circumferential direction (34, 36) via at least a first element (24, 302) and, in the  
12 axial direction (38), via at least a second element (40, 42, 306).

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14 14. Tool receiver for a grinder according to claim 1, characterized in that at  
15 least one detent element (302) is integrally moulded on a discoid component  
16 (304).

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18 15. Tool receiver for a grinder according to claim 1, characterized in that at  
19 least two elements (306) for immobilizing the application tool in the axial direction  
20 (38) are integrally moulded to a discoid component (308).

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22 16. Tool receiver for a grinder, in particular an angle grinder (10), that can be  
23 connected to a tool hub (52, 94, 228, 230) via a carrier device (12, 14, 16, 182,  
24 184, 300) of a tool receiver for a grinder with a drive shaft (54) of a grinder (10),  
25 characterized in that the tool hub (52, 94, 228, 230) can be effectively connected  
26 to the carrier device (12, 14, 16, 182, 184, 300) via at least one detent element  
27 (24, 26, 190, 192, 194, 196, 198, 200, 302) that can be moved against a spring  
28 force, that snaps into place in an operating position of the tool hub (52, 94, 228,  
29 230) and immobilizes the tool hub (52, 94, 228, 230) with positive engagement.

1 17. Tool receiver for a grinder according to claim 16, characterized in that at  
2 least one detent element (190, 192, 194, 196, 198, 200) is formed at least  
3 partially by the tool hub (228, 230).

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5 18. Tool receiver for a grinder according to claim 17, characterized in that at  
6 least one slot (220, 222, 224) is provided in the tool hub (230) that comprises a  
7 wide area (238, 240, 242) and at least one narrow area forming the detent  
8 element (196, 198, 200).

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